New Perspectives On Computer Concepts 2016 Introductory

Since the 1970s researchers in the communicative development of infants and small children had rejected traditional models and began to explore the complex, dynamic properties of communicative exchanges. This title, originally published in 1993, proposed a new and advanced frame of reference to account for the growing body of empirical work on the emergence of communication processes at the time. Communication development in the early years of life undergoes universal processes of change and variations linked to the characteristics and qualities of different social contexts. The first section of the book presents key issues in communication research which were either revisited (intentional communication, imitation, symbolic play) or newly introduced (co-regulation, the role of emotions, shared meaning) in recent years. The second section provides an account of communication as a context-bound process partly inspired by theoretical accounts such as those of Vygotsky and Wallon. Included here are new studies showing differences in communication between infants compared with those between infants and adults, which also have important methodological implications. With perspectives from developmental psychology, psycholinguistics and educational psychology, the international contributors give a multi-disciplinary account of the expansion, variety and richness of current research on early communication. This title will be of particular interest to those involved in child development and communication research, as well as for social, educational and clinical psychologists.

There have been extraordinary developments in the field of neuroscience in recent years, sparking a number of discussions within the legal field. This book studies the various interactions between neuroscience and the world of law, and explores how neuroscientific findings could affect some fundamental legal categories and how the law should be implemented in such cases. The book is divided into three main parts. Starting with a general overview of the convergence of neuroscience and law, the first part outlines the importance of their continuous interaction, the challenges that neuroscience poses for the concepts of free will and responsibility, and the peculiar characteristics of a "new" cognitive liberty. In turn, the second part addresses the phenomenon of cognitive and moral enhancement, as well as the uses of neurotechnology and their impacts on health, self-determination and the concept of being human. The third and last part investigates the use of neuroscientific findings in both criminal and civil cases, and seeks to determine whether they can provide valuable evidence and facilitate the assessment of personal responsibility, helping to resolve cases. The book is the result of an interdisciplinary dialogue involving jurists, philosophers, neuroscientists, forensic medicine specialists, and scholars in the humanities; further, it is intended for a broad readership interested in understanding the impacts of scientific and technological developments on people's lives and on our social systems.

Get Synched! Learning happens when students and instructors effectively connect and communicate. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2013, Comprehensive, 15E, International Edition makes it possible. This edition goes beyond the computer basics and covers relevant technical and practical information that matter to students' daily lives. Combining contributions from international academics and practitioners, this new text develops

students' ability to philosophise as well as learn about philosophy and education. It considers issues concerned with the interface between education and wider society but goes beyond this to explore education and philosophy at a micro level: the teacher–learner relationship. It challenges and empowers students to use philosophy as a tool within education, as a set of theories to understand education and as a potential means to develop solutions to problems as they occur within practice. Assuming no pre-existing philosophical background, Philosophy and the Study of Education explores complex topics including: encouraging young people to criticise and challenge all authority; the limits of a religious-based education; the desire for 'alternative facts' or 'truths'; the second-class status of vocational pursuits; the inherent struggle in the teacher–student relationship; the relationship between emotion, morality and autonomy in teaching. Including discussion questions and further recommended reading, this thought-providing book will support and inspire all those on Education Studies, Childhood Studies and Youth Studies courses in developing a critical perspective and understanding the true value of philosophy within education.

Take your students beyond the basics with the award-winning NEW PERSPECTIVES ON COMPUTER CONCEPTS. Designed to get all students up-to-speed on essential computer literacy skills, this market leading text goes deeper, providing students with the technical and practical information they need for academic and career success. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2016 incorporates significant technology trends that affect computing and everyday life; such as concerns for data security, personal privacy, online safety, controversy over digital rights management, interest in open source software and portable applications, and more. In addition, coverage of Microsoft Windows 8 and Office 2013

will introduce your students to the exciting new features of Microsoft's next generation of software. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

New Perspectives in Cultural Resource Management describes the historic developments, current challenges, and future opportunities presented by contemporary Cultural Resource Management (CRM). CRM is a substantial aspect of archaeology, history, historical architecture, historical preservation, and public policy in the US and other countries. Chapter authors are innovators and leaders in the development and contemporary practice of CRM. Collectively they have conducted thousands of investigations and managed programs at local, state, tribal, and national levels. The chapters provide perspectives on the methods, policies, and procedures of historical and contemporary CRM. Recommendations are provided on current practices likely to be effective in the coming decades.

Readers gain a full understanding of today's digital world with the cohesive framework and logical organization found only in Parsons' NEW PERSPECTIVES ON COMPUTER CONCEPTS 2016, COMPREHENSIVE. Newly revised and reorganized, this dynamic book provides the latest updates on emerging technology with engaging learning features, informative visuals and hands-on activities proven to increase learning effectiveness. A new introduction highlights today's digital evolution, while new coverage of social media and online security examines concepts behind the trends. Readers explore the principles behind the wide scope of digital devices in use today with the book's enhanced focus on the connectivity that pervades modern life. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Get Synched! Learning happens when students and instructors effectively connect and communicate. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2013 INTRODUCTORY, 15E, International Edition makes it possible. This edition goes beyond the computer basics and covers relevant technical and practical information that matter to students' daily lives. Get Synched! Learning happens when students and instructors effectively connect and communicate. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2012 makes it possible. Creating a fully integrated and interactive teaching and learning environment, NEW PERSPECTIVES ON COMPUTER CONCEPTS 2012 combines a printed book with media-rich assets, enabling students and instructors work in sync to explore, understand, and apply computer technology in everyday life. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. The Fourth edition of this highly successful text now offers even greater integration between the text, state-of-the-art technology, and the Web. Each text comes with a media-loaded CD-ROM that brings the text to life with numerous animations, graphics, videos, links to the Web, and more. Despite the publication of several studies examining European retailing in relation to the USA, there is still a dearth of recent research, in English, that explores the

development of retailing in specific European countries (with the obvious exception of Britain), over the twentieth century. Even for the UK, more research is needed to challenge claims such as the alleged "backwardness" of British retailing relative to North America, or the presence of formidable "environmental" barriers to the "industrialisation" of retailing in Britain. New Perspectives on 20th Century European Retailing showcases new research on various aspects of twentieth century European retailing, that challenges the traditional view that Europe was a "follower" of America in retail innovation. It brings together work by several - mainly early career - scholars, who are doing innovative, archival-based, research on various aspects of European retail history. Following a general review of European retailing by the editors (discussing key debates and new approaches) seven thematic chapters present work that either sheds new light on old debates and/or explores hitherto neglected topics. Collectively, they show that whereas retailers are often regarded as 'intermediaries', in fact they are actors in their own right and they challenge the traditional view that Europe was a "follower" of America in retail innovation. The chapters in this book were originally published as a special issue of the Business History journal. Drawing together the most up-to-date research from experts all across the world, Computer Science Education provides full, current coverage of a teaching

subject that's still developing. It offers the most up-to-date coverage available on this developing subject, ideal for building confidence of new PGCE students teaching a very new discipline, exploring key concepts, pedagogical approaches and assessment practices. Highlights include: - a comprehensive taxonomy of programming misconceptions from Juha Sorva - an up-to-date discussion of computational thinking by Shuchi Grover and Roy Pea - a detailed look at issues of equity in computer science education by Jill Denner and Shannon Campe - teachers' and pupils' attitudes are considered by Quintin Cutts and Peter Donaldson - Paul Curzon and colleagues explore a range of different strategies for teaching computer science concepts - Ira Diethelm and her colleagues highlight the difficulties presented by the language we use to talk about computer science. The book is structured to support the reader with chapter outlines, synopses and key points. Explanations of key concepts, real-life examples and reflective points keep the theory grounded in classroom practice.

In today's world where technology impacts every aspect of life, you need to know how to evaluate devices, choose apps, maintain a professional online reputation, and ensure digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, INTRODUCTORY offers the insights to help. This book goes beyond the intuitive how-to of apps and social media to delve into broad concepts

that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features make mastering technical topics a breeze, while the book's proven learning path is structured with today's busy reader in mind. This edition offers an insightful overview of what today's readers must know about using technology to complete an education, secure a successful career, and engage in issues that shape today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Be engaged, excited and enlightened with the New Perspectives on Computer Concepts, Tenth Edition, providing you with the most current information on computers, software, the Internet, and emerging issues and technologies. This unique volume introduces and discusses the methods of validating computer simulations in scientific research. The core concepts, strategies, and techniques of validation are explained by an international team of pre-eminent authorities, drawing on expertise from various fields ranging from engineering and the physical sciences to the social sciences and history. The work also offers new and original philosophical perspectives on the validation of simulations. Topics and features: introduces the fundamental concepts and principles related to the

validation of computer simulations, and examines philosophical frameworks for thinking about validation; provides an overview of the various strategies and techniques available for validating simulations, as well as the preparatory steps that have to be taken prior to validation; describes commonly used reference points and mathematical frameworks applicable to simulation validation; reviews the legal prescriptions, and the administrative and procedural activities related to simulation validation; presents examples of best practice that demonstrate how methods of validation are applied in various disciplines and with different types of simulation models; covers important practical challenges faced by simulation scientists when applying validation methods and techniques; offers a selection of general philosophical reflections that explore the significance of validation from a broader perspective. This truly interdisciplinary handbook will appeal to a broad audience, from professional scientists spanning all natural and social sciences, to young scholars new to research with computer simulations. Philosophers of science, and methodologists seeking to increase their understanding of simulation validation, will also find much to benefit from in the text.
Readers gain a full understanding of today's digital world with the cohesive framework and logical organization found only in NEW PERSPECTIVES ON COMPUTER CONCEPTS 2016, ENHANCED, COMPREHENSIVE. This dynamic

book provides the latest updates on emerging technology with engaging learning features, informative visuals and hands-on activities proven to increase learning effectiveness. An insightful introduction highlights today's digital evolution, while coverage of social media and online security examines concepts behind today's technology challenges and trends. Readers explore the principles underlying the wide scope of digital devices in use today with the book's unique focus on the connectivity that pervades modern life. This Enhanced Edition includes a new hands-on programming chapter that lets even readers with no prior coding experience learn to program with instant success using PythonTM. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

In today's world where technology impacts every aspect of life, you need to know how to evaluate devices, choose apps, maintain a professional online reputation, and ensure digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, COMPREHENSIVE offers the insights to help. This book goes beyond the intuitive how-to of apps and social media to delve into broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features make

mastering technical topics a breeze, while the book's proven learning path is structured with today's busy reader in mind. This edition offers an insightful overview of what today's readers must know about using technology to complete an education, secure a successful career, and engage in issues that shape today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Understanding Computers: Today and Tomorrow gives your students a classic introduction to computer concepts with a modern twist! Known for its emphasis on industry insight and societal issues, this text makes concepts relevant to today's career-focused students. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

New Perspectives on Computer Concepts 2018: ComprehensiveCengage Learning

What does it mean to understand something? What types of understanding can be distinguished? Is understanding always provided by explanations? And how is it related to knowledge? Such questions have attracted considerable interest in epistemology recently. These discussions, however, have not yet engaged insights about explanations and theories developed in philosophy of science.

Conversely, philosophers of science have debated the nature of explanations and theories, while dismissing understanding as a psychological by-product. In this book, epistemologists and philosophers of science together address basic questions about the nature of understanding, providing a new overview of the field. False theories, cognitive bias, transparency, coherency, and other important issues are discussed. Its 15 original chapters are essential reading for researchers and graduate students interested in the current debates about understanding.

Shifting States draws on a rich history of anthropological theorising on all kinds of states – from the pre- to the post- industrial – and explores topics as diverse as bureaucracy, infrastructure, surveillance, securitization, and public health. As we enter the third decade of the twentieth century, there is a growing sense that 'the state' is in crisis everywhere. Although the nature of this perceived crisis varies from place to place, everywhere it is seen to have been caused by some combination of the inter-related forces of 'globalisation', of successive economic shocks, and of the rise of social media-fuelled populist movements. Yet, conversely, there is also a creeping perception that state power is becoming more pervasive in its reach, and in its effects, in ways which make it ever more imminent to the material worlds in which we live, more fundamental to the ways

in which we conceive of the future, and more foundational to our very sense of self. How might we try to make sense of, and to mediate, these apparently contradictory impressions? Based on ethnographic case studies from all over the world, this timely volume forges new ways of thinking about how state power manifests, and is imagined, and about the effects it has on ordinary people's lives. In so doing, the volume provides tools not only for understanding states' responses to the COVID-19 pandemic, but also for judging what effects these responses are likely to have.

Now readers can develop the critical soft skills needed to thrive in academic pursuits, land a dream job, and flourish in the workplace with NEW PERSPECTIVES PORTFOLIO PROJECTS FOR SOFT SKILLS, 2E. By working through realistic case scenarios, readers gain hands on practice in creating and delivering dynamic presentations, managing their online personas, and communicating effectively using technology. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Discover a unique, critical-thinking approach to mastering MS Windows 10 with NEW PERSPECTIVES MICROSOFT WINDOWS 10 INTERMEDIATE. Offering unique in-depth coverage, this edition highlights the most important features and

strengths in the Windows 10 Operating System, including Cortana, the new Edge browser, and new search functions. As part of the acclaimed New Perspectives Series, this intermediate edition offers proven learning features to help readers retain and apply information no matter what learning style they prefer. A dynamic Visual Overview at the beginning of each module gives you a graphic overview of content and serves as a study guide for later use. ProSkills Boxes provide information about professional skills that relate to the module's content. Troubleshoot Exercises gives readers opportunities to apply skills within a critical-thinking setting. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Develop the Microsoft Office 365 and Office 2019 skills students need to be successful in college and beyond with the emphasis on critical-thinking, problem-solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & OFFICE 2019: INTRODUCTORY. Updated with all-new case scenarios, this edition clearly applies the skills students are learning to real-world situations to make concepts even more relevant across the applications and reinforces critical skills to make them successful in their educational and professional careers. NEW PERSPECTIVES MICROSOFT OFFICE 365 & OFFICE 2019: INTRODUCTORY demonstrates the importance of what students

are learning while strengthening your skills and helping students transfer those skills to other applications and disciplines for further success. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This volume presents a selection of some of the most exciting new perspectives on moral development that have emerged over the last decade and have transformed our understanding of the field. The contributors to this book cut across traditional boundaries to provide an innovative and integrative approach to fundamental questions dealing with the nature and acquisition of morality. In addressing these questions, the chapters draw on new work on the origins of morality in infancy and the early years, comparative approaches examining morality in primates, new perspectives on moral emotions such as guilt and empathy, and new perspectives on the emerging moral self in childhood and moral identity in adolescence. The book also examines the roles of parenting and culture in children's and adolescents' moral development. Each chapter is framed in theory and methodology and provides illustrative examples of new research to address important questions in the field. This book is essential reading for researchers and advanced undergraduate and postgraduate students studying moral development and developmental psychology. It will also be of interest to academics and

professionals in related fields such as education and public policy.

Present the computer concepts and Microsoft Office 2013 skills perfect for your Introduction to Computing course with the latest ENHANCED COMPUTER CONCEPTS AND MICROSOFT OFFICE 2013 ILLUSTRATED. This all-in-one book makes the computer concepts and skills your students need to know easily accessible. Key application skills are clearly demonstrated using the user-friendly two-page spread found in the popular Microsoft Office 2013 Illustrated Introductory, First Course. Today's most up-to-date technology developments and concepts are clarified using the distinctive step-by-step approach from the Computer Concepts Illustrated Brief book. This edition highlights updated Office 365 content with Integrated Applications Projects and a Student Success Guide. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Featuring contributions from leading experts in software engineering, this edited book provides a comprehensive introduction to computer game software development. It is a complex, interdisciplinary field that relies on contributions from a wide variety of disciplines including arts and humanities, behavioural sciences, business, engineering, physical sciences, mathematics, etc. The book focuses on the emerging research at the intersection of game and software engineering communities. A brief history of game development is presented, which considers the shift from the development of rare games in isolated research environments in the 1950s to their ubiquitous presence in

popular culture today. A summary is provided of the latest peer-reviewed research results in computer game development that have been reported at multiple levels of maturity (workshops, conferences, and journals). The core chapters of the book are devoted to sharing emerging research at the intersection of game development and software engineering. In addition, future research opportunities on new software engineering methods for games and serious educational games for software engineering education are highlighted. As an ideal reference for software engineers, developers, educators, and researchers, this book explores game development topics from software engineering and education perspectives. Key Features: Includes contributions from leading academic experts in the community Presents a current collection of emerging research at the intersection of games and software engineering Considers the interdisciplinary field from two broad perspectives: software engineering methods for game development and serious games for software engineering education Provides a snapshot of the recent literature (i.e., 2015-2020) on game development from software engineering perspectives

Systems Thinking for a Turbulent World will help practitioners in any field of change engage more effectively in transformative innovation. Such innovation addresses the paradigm shift needed to meet the diverse unfolding global challenges facing us today, often summed up as the Anthropocene. Fragmentation of local and global societies is escalating, and this is aggravating vicious cycles. To heal the rifts, we need to

reintroduce the human element into our understandings – whether the context is civic or scientific – and strengthen truth-seeking in decision-making. Aided by appropriate concepts and methods, this healing will enable a switch from reaction to anticipation, even in the face of discontinuous change and high uncertainty. The outcome is to privilege the positive human skills for collaborative navigation through uncertainty over the disjointed rationality of mechanism and artificial intelligence, which increasingly alienates us. The reader in search of new ways of thinking will be introduced to concepts new to systems thinking that integrate systems thinking and futures thinking. The concept of anticipatory present moment (APM) serves as a basis for learning the cognitive skills that better enable navigation through turbulent times. A key personal and team practice is participative repatterning, which is the basis for transformative innovation. This practice is aided by new methods of visual facilitation. The reader is guided through the unfolding of the ideas and practices with a narrative based on the metaphor of search portrayed in the tradition of ox herding, found in traditional Far Eastern consciousness practice.

By regarding children as actors and conducting empirical research on children's agency, Childhood Studies have gained significant influence on a wide range of different academic disciplines. This has made agency one of the key concepts of Childhood Studies, with articles on the subject featured in handbooks and encyclopaedias. Reconceptualising Agency and Childhood is the first collection devoted

to the central concept of agency in Childhood Studies. With contributions from experts in the field, the chapters cover theoretical, practical, historical, transnational and institutional dimensions of agency, rekindling discussion and introducing fundamental and contemporary sociological perspectives to the field of research. Particular attention is paid to connecting agency in the social sciences with Childhood Studies, considering both the theoretical foundations and the practice of research into agency. Empirical case studies are also explored, which focus upon child protection, schools and childcare at a variety of institutions worldwide. This book is an essential reference for students and scholars of Childhood Studies, and is also relevant to Sociology, Social Work, Education, Early Childhood Education and Care (ECEC) and Geography. New Perspectives on Education for Democracy brings together diverse communities of education research in an innovative way to develop a nuanced understanding of the relationship between education and democracy. This book synthesises a range of theoretical, conceptual, and empirical approaches to address the complex challenges faced by young people and societies in the 21st century. Each chapter provides accounts of local democratic encounters in education, while engaging with global debates and issues, such as de-democratisation and growing social, economic, and educational inequality. This book presents new ways of thinking about democracy, local–global enactments of democracy through teaching and learning, and future thinking for a new era of democracy. This book will be relevant for educators,

researchers, and policymakers who are interested in educational sociology, critical pedagogy, and democratic education.

This practical handbook is designed to help language teachers, teacher trainers, and students learn more about their options for using computer-assisted language learning (CALL) and develop an understanding of the theory and research supporting these options. The chapters in New Perspectives on CALL for Second Language Classrooms synthesize previous CALL theory and research and describe practical applications to both second and foreign language classrooms, including procedures for evaluating these applications. The implementation of CALL at the institutional level is also addressed, with attention to designing multimedia language laboratories and creating collaborative CALL-based projects between educational institutions. Although many chapters locate their descriptions of CALL activities and projects within the ESL/EFL setting, the principles and activities described are equally useful for other language settings. The book does not require prior knowledge of CALL, computers, or software. To assist readers, a glossary of CALL terms and an appendix of CALL Web sites are provided. The book also has its own accompanying Web site (http://www.erlbaum.com/callforL2classrooms) presenting chapter abstracts, author contact information, and regularly updated links to pedagogical, research, and teacher development sites. By integrating theoretical issues, research findings, and practical guidelines on different aspects of CALL, this book offers teachers multiple levels of

resources for their own professional development, for needs-based creation of specific CALL activities, for curriculum design, and for implementation of institutional and inter-institutional CALL projects.

New Perspectives on Arson and Firesetting: The Human-Fire Relationship is the first forensic text to move away from a sole focus on anti-social firesetting. The author presents a broader investigation of the role of fire in human life with a view to informing research and practice. This book examines the evolutionary, psychological and social significance of fire. Drawing on interdisciplinary literature and original research data, it challenges the existing understanding of arson and firesetting. A new concept – fire use – is introduced, which is conceptualised as sitting on a continuum from non-criminalised to criminalised behavior. The author combines her experience as a practitioner forensic psychologist with her own research to consider the practical application of an alternative perspective. This includes a particular focus on the assessment and treatment of fire setters and a call for a socially informed approach to prevention. The forensic scope, applied focus, and emphasis on the importance of interdisciplinary research and practice makes New Perspectives on Arson and Firesetting essential reading for students in fields such as anthropology, sociology, criminology, and psychology, as well as interdisciplinary scholars, forensic practitioners, and allied professionals. The author is donating her royalties in full to Pancreatic Cancer UK. The contributors in this collection question what kinds of relationships hold between narrative

studies and the recently established field of multimodality, evaluate how we might develop an analytical vocabulary which recognizes that stories do not consist of words alone, and demonstrate the ways in which multimodality brings into fresh focus the embodied nature of narrative production and processing. Engaging with a spectrum of multimodal storytelling, from 'low tech' examples encompassing face-to-face stories, comic books, printed literature, through to opera, film adaptation and television documentary, stretching beyond to narratives that employ new media such as hypertext, performance art, and interactive museum guides, this volume examines the interplay of semiotic codes (visual, oral, aural, haptic, physiological) within each case under scrutiny, thereby exposing both points of commonality and difference in the range of multimodal narrative experiences.

The claim that open trade promotes peace has sparked heated debate among scholars and policymakers for centuries. Until recently, however, this claim remained untested and largely unexplored. Economic Interdependence and International Conflict clarifies the state of current knowledge about the effects of foreign commerce on political-military relations and identifies the avenues of new research needed to improve our understanding of this relationship. The contributions to this volume offer crucial insights into the political economy of national security, the causes of war, and the politics of global economic relations. Edward D. Mansfield is Hum Rosen Professor of Political Science and Co-Director of the Christopher H. Browne Center for International Politics at the University of Pennsylvania. Brian M. Pollins is Associate Professor of Political Science at Ohio State University and a Research Fellow at the Mershon Center.

Go beyond computing basics with the award-winning NEW PERSPECTIVES ON COMPUTER CONCEPTS. Designed to get you up-to-speed on essential computer literacy skills, this market

leading text goes deeper, providing technical and practical information relevant to everyday life. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2014 incorporates significant technology trends that affect computing and everyday life; such as concerns for data security, personal privacy, online safety, controversy over digital rights management, interest in open source software and portable applications, and more. In addition, coverage of Microsoft Windows 8 and Office 2013 will introduce you to the exciting new features of Microsoft's next generation of software. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The development and introduction of a new technology to society can be viewed as an experimental process, full of uncertainties, which are only gradually reduced as the technology is employed. Unexpected developments may trigger an experimental process in which society must find new ways to deal with the uncertainties posed. This book explores how the experimental perspective determines what ethical issues new technologies raise and how it helps morally evaluate their introduction. Expert contributors highlight the uncertainties that accompany the process, identify the social and ethical challenges they give rise to, and propose strategies to manage them. Focusing on the introduction of new technologies and experimentation as ways to perceive new developments and changing contexts, a key theme of the book is how to approach the moral issues raised by new technology and understand the role of experimentation in exploring these matters.

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